

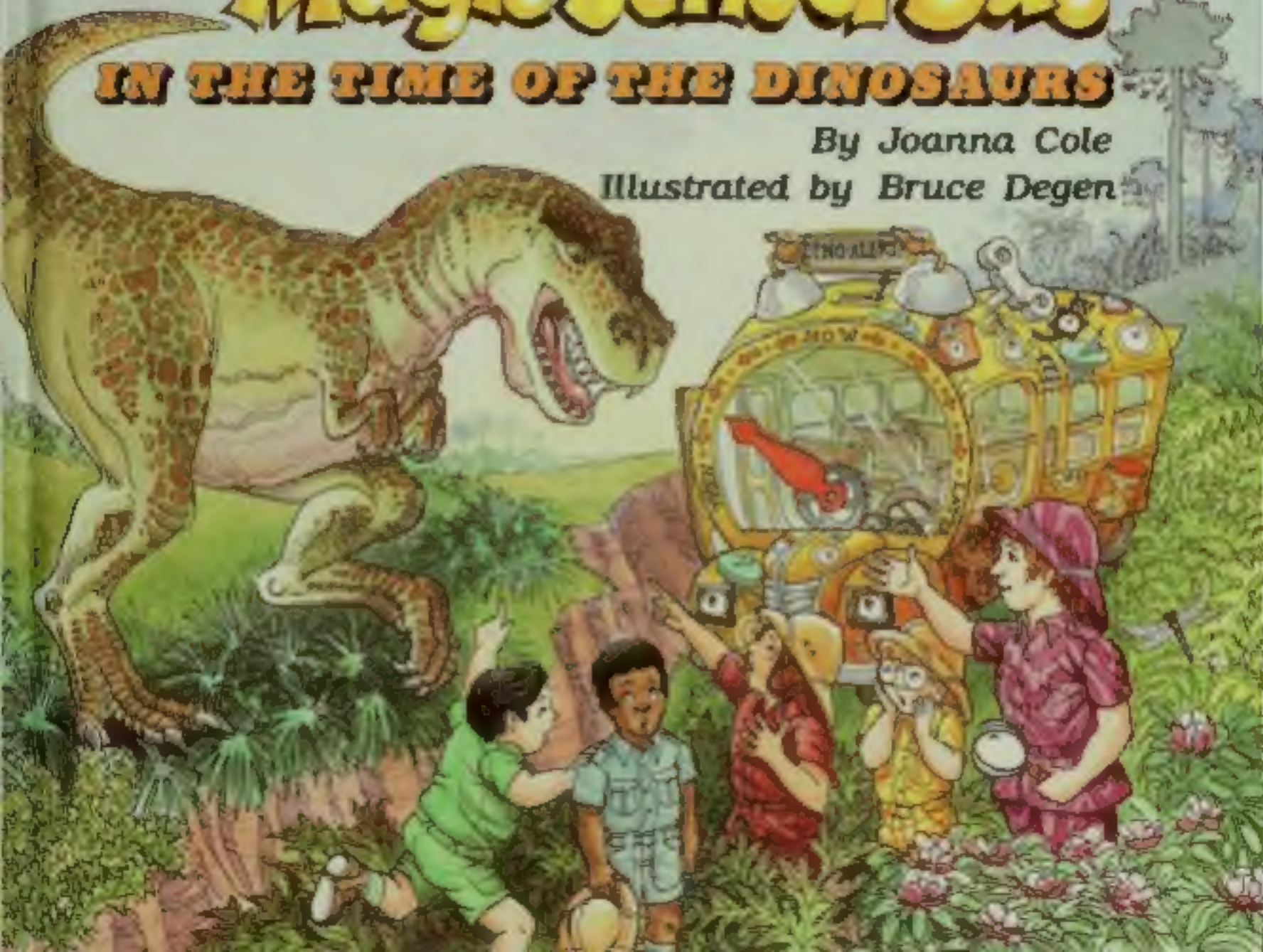


The Magic School Bus

IN THE TIME OF THE DINOSAURS

By Joanna Cole

Illustrated by Bruce Degen

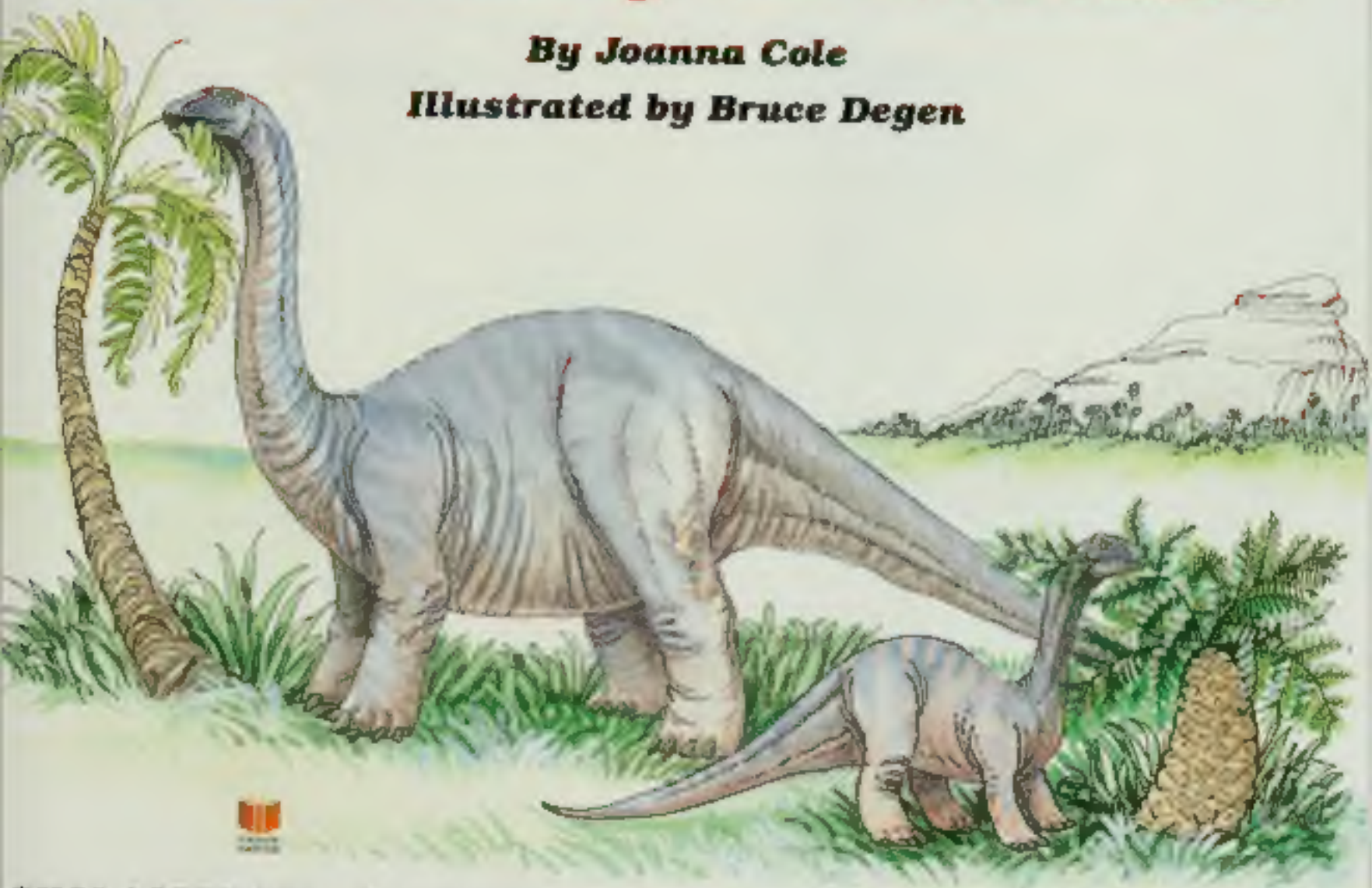




The Magic School Bus in the Time of the Dinosaurs

By Joanna Cole

Illustrated by Bruce Degen



SCHOLASTIC INC. / New York

To Armand Morgan,
our personal guide to the time of the dinosaurs
J.C. & B.D.





It was Visitors Day at our school. Parents, relatives, and friends were coming that afternoon to see our work. In Ms. Frizzle's class, we were making the whole room into Dinosaur Land!

I LOVE VISITORS DAY!

MY PARENTS ARE COMING.

MY GRANDMA'S COMING. I HOPE SHE LIKES MY PROJECT.



MODEL OF DINOSAUR SKELETON by Phoebe
Made from Chicken bones and clay



Suddenly, Ms. Frizzle said, "Please pay attention, children. I have wonderful news!"

I WONDER WHAT THE GOOD NEWS IS.

MAYBE IT'S LUNCHTIME ALREADY.

MAYBE WE DON'T HAVE TO LEARN ALL THESE DINDSAUR NAMES.



A WORD FROM DOROTHY ANN

Prehistoric means anything that happened before people started writing history.



DINOSAURS WERE REPTILES

by Carlos

Dinosaurs were a group of special prehistoric reptiles. Reptiles are animals that:

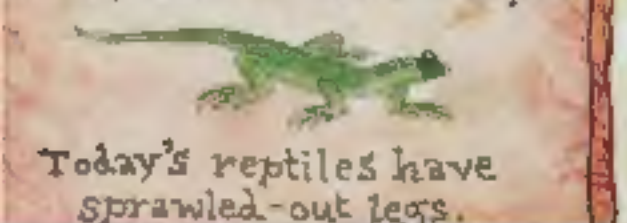
- have backbones
- have scaly skin
- lay eggs
- are cold-blooded

REPTILES OF TODAY



DINOSAURS WERE SPECIAL

Dinosaurs had straight legs. They could walk or run fast.



Today's reptiles have sprawled-out legs.

"Our class has been invited to a dinosaur dig," explained the Friz.

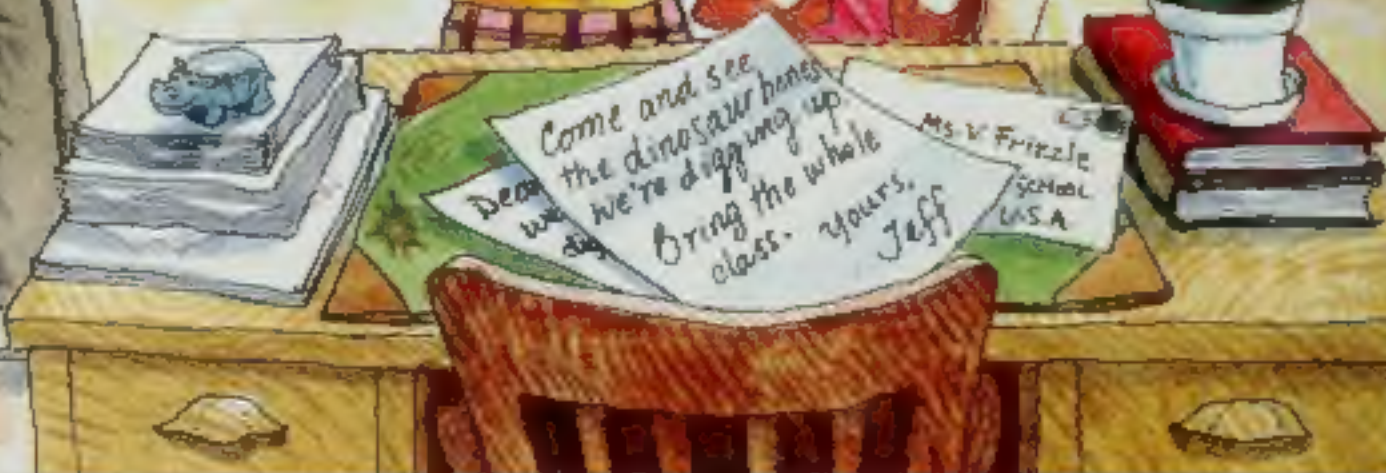
"We'll be leaving right away."

As we went out, one kid grabbed the video camera. Others took along model dinosaurs for good luck. When you have the wackiest teacher in school, you need all the luck you can get!

WE'RE LEAVING NOW?

I GUESS MS. FRIZZLE FORGOT ABOUT VISITORS DAY.

SHE NEVER FORGOT ANYTHING BEFORE.

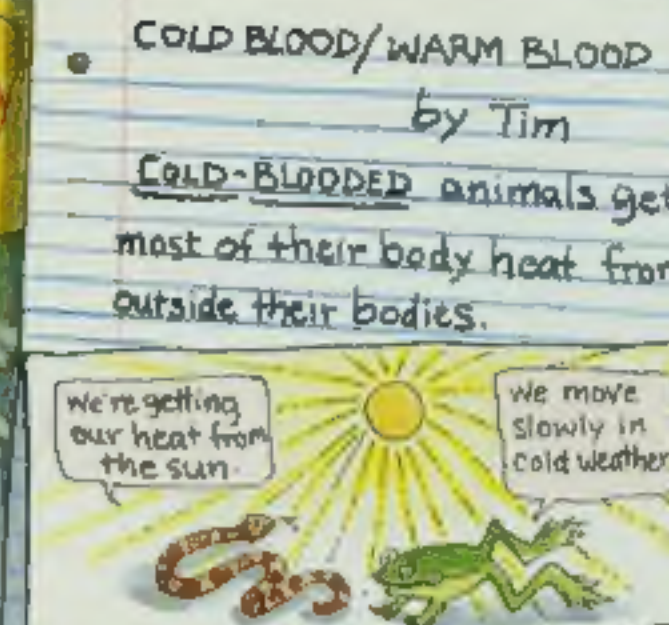


We couldn't believe we had to get on that rickety old school bus again. Kids held their lucky dinosaurs tight, and hoped for the best.

MY LUCKY DINOSAUR IS TYRANNOSAURUS REX.

MY LUCKY DINOSAUR IS STEGOSAURUS.

MY LUCKY DINOSAUR IS WONDERING IF THIS OLD BUS WILL MAKE IT!



WARM-BLOODED animals make their own body heat.



DINOSAURS WERE SPECIAL

Some dinosaurs may have been warm-blooded. All of today's reptiles are cold-blooded.

NO PEOPLE EVER SAW A DINOSAUR by Florrie

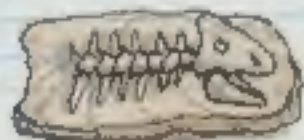
When early humans
appeared on earth,
dinosaurs had already
been dead for millions
of years!

People found out about
dinosaurs from fossils.

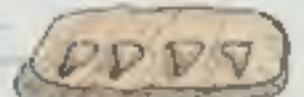


FIVE KINDS OF DINOSAUR FOSSILS by Alex

1 BONES



2 TEETH



3 FOOTPRINTS



4 SKIN PRINTS



5 EGGS AND
NESTS



As we rolled onto the highway,
Ms. Frizzle shouted from the driver's seat.
"We're on our way to fossil country, kids!
Who knows what a fossil is?"
Luckily, we had done our homework.
We knew a fossil is anything left
from a prehistoric animal or plant.

THIS STORY
IS
MAKE-BELIEVE.

THERE WERE NO
DINOSAURS IN
THE TIME OF
CAVE PEOPLE.

DINOSAURS LASTED FOR
150 MILLION YEARS ON
EARTH! WEREN'T THEY
AMAZING, ARNOLD?

IT'S AMAZING THAT
I'VE LASTED THIS LONG
IN MS. FRIZZLE'S CLASS.

After we had been driving for a long time,
we came to a desert where people were working.
Ms. Frizzle said this was the dinosaur dig.
The people were paleontologists —
scientists who study prehistoric life.

HOW A DEAD DINOSAUR COULD BECOME A FOSSIL by Carme

1. The dead body
sank in a river,
and rotted away.



2. The bones were
covered with
sand.



3. In time, the
sand turned
into rocks.



4. The bones
became hard
as rock, too.



DID MOST DINOSAURS
TURN INTO FOSSILS?

NO! DEAD DINOSA
USUALLY ROTTED
WERE EATEN



DINOSAURS WERE SPECIAL
Dinosaurs were on earth
1500 times longer than
humans have been so far.

WHERE HAVE DINOSAUR FOSSILS BEEN FOUND?
by Phil
Everywhere on earth -- even within the Arctic Circle and near the South Pole!

LOOKING FOR DINOSAUR FOSSILS? TRY WESTERN NORTH AMERICA!
by Keesha
There are so many dinosaur fossils in the West that the area has been called a fossil treasure trove.



Everyone at the dig was working hard, using all kinds of tools to separate the fossils from the rocks around them.

I SEE YOU'RE STILL INTERESTED IN DINOSAURS, JEFF.

VALERIE! I HAVEN'T SEEN YOU SINCE HIGH SCHOOL!

LET'S GET THIS ON VIDEO!



WHISK BROOM

GLUE

PLASTER

BURLAP

BONE IS WRAPPED WITH BURLAP AND PLASTER SO IT WON'T BREAK WHEN IT IS MOVED.

The paleontologists told us they had found the fossil bones of a duckbilled dinosaur called *Maiaasaura*.



DRINKING WATER

HAMMERS

CHISELS

SHE CALLS HIM JEFF?!!

HE CALLS HER VALERIE?!!

THEY WENT TO HIGH SCHOOL TOGETHER?!!

THAT MUST HAVE BEEN IN PREHISTORIC TIMES.



A DINOSAUR GETS ITS NAME FROM...
by Carmen
1. Something special about the way it lived --



MAIASAURA means "GOOD MOTHER LIZARD" *Maiaasaura* took care of their babies.

2. Something special about its body --
DEINONYCHUS means "TERRIBLE CLAW"



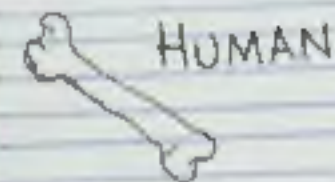
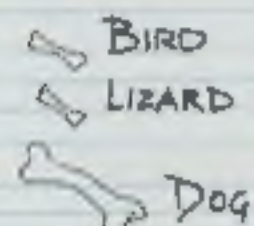
3. The place where it was found --
YUNNANO-SAURUS was found in YUNNAN, CHINA.



* The scientist who finds the first fossils of a dinosaur gets to name it.

How can we tell which bones are which? by Shirley

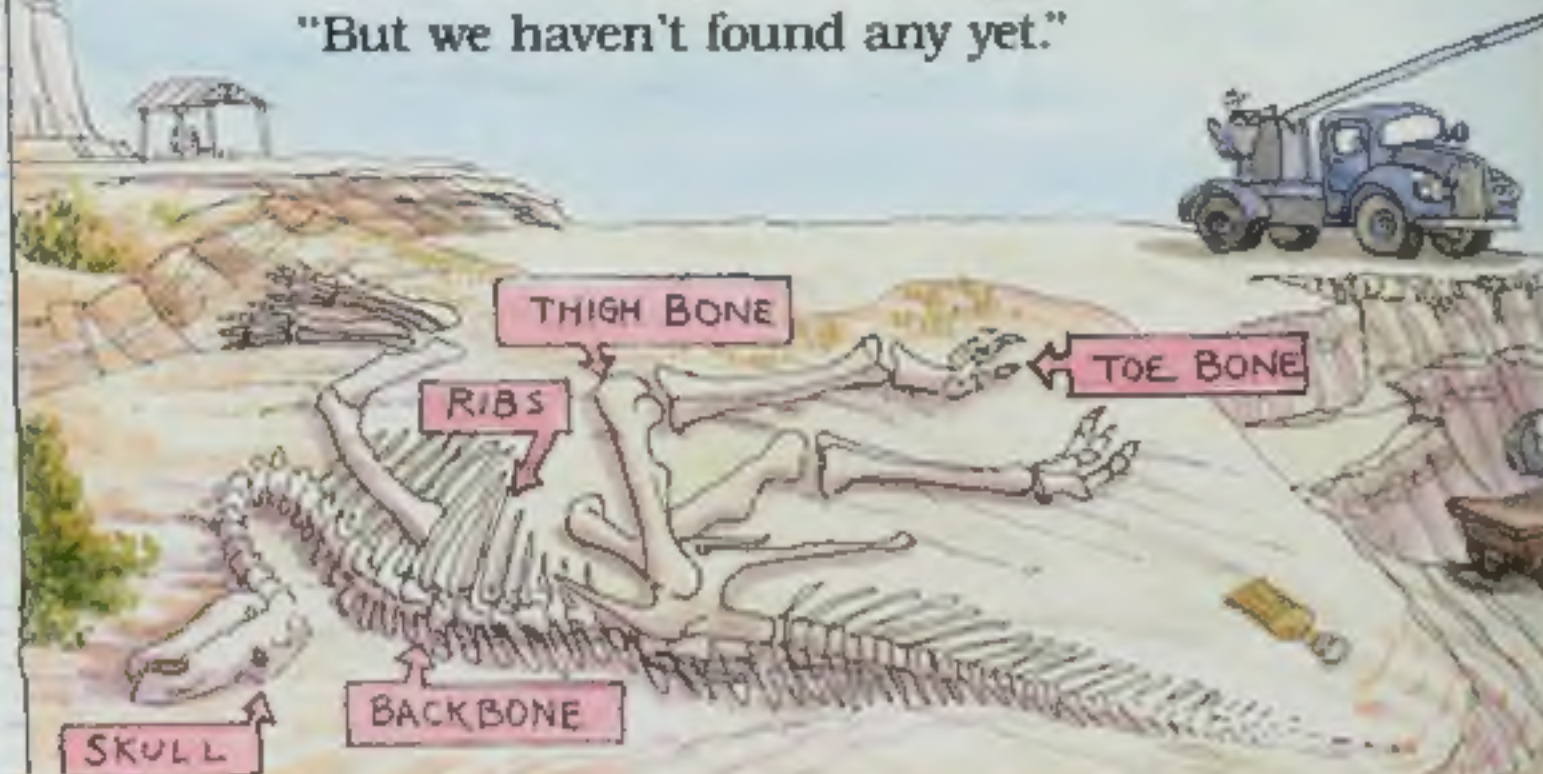
Paleontologists compare dinosaur bones with the bones of other animals. For example, if you know the thigh bone of a...



...you will be able to tell the thigh bone of a dinosaur.



The paleontologists seemed sad. "We were looking for fossil eggs," they said. "But we haven't found any yet."



WE FOUND THE BONES OF SOME MAIASAURA DINOSAURS, VALERIE.

WE WERE HOPING TO FIND THEIR NESTS.

I DIDN'T KNOW HER NAME WAS VALERIE.



We saw a gleam in Ms. Frizzle's eye. "Want to look for some *Maiasaura* nests, kids?" she shouted. She rushed us onto the bus and drove off.

BUT WE JUST GOT HERE.

I WANT TO LOOK AT THAT CRANE.

I WANT TO SEE THE DINOSAUR BONE.

SEE YOU LATER, JEFF.



We hadn't gone far when Ms. Frizzle stopped the bus. She turned a dial on the dashboard, and the bus began to change. It looked like a giant alarm clock. Ms. Frizzle said it was a time machine!

NOW I'VE SEEN EVERYTHING. THIS BUS IS GETTING RIDICULOUS.

MAIASAURA WERE SOME OF THE VERY LAST DINOSAURS ON EARTH.



How do we figure out what dinosaurs looked like?

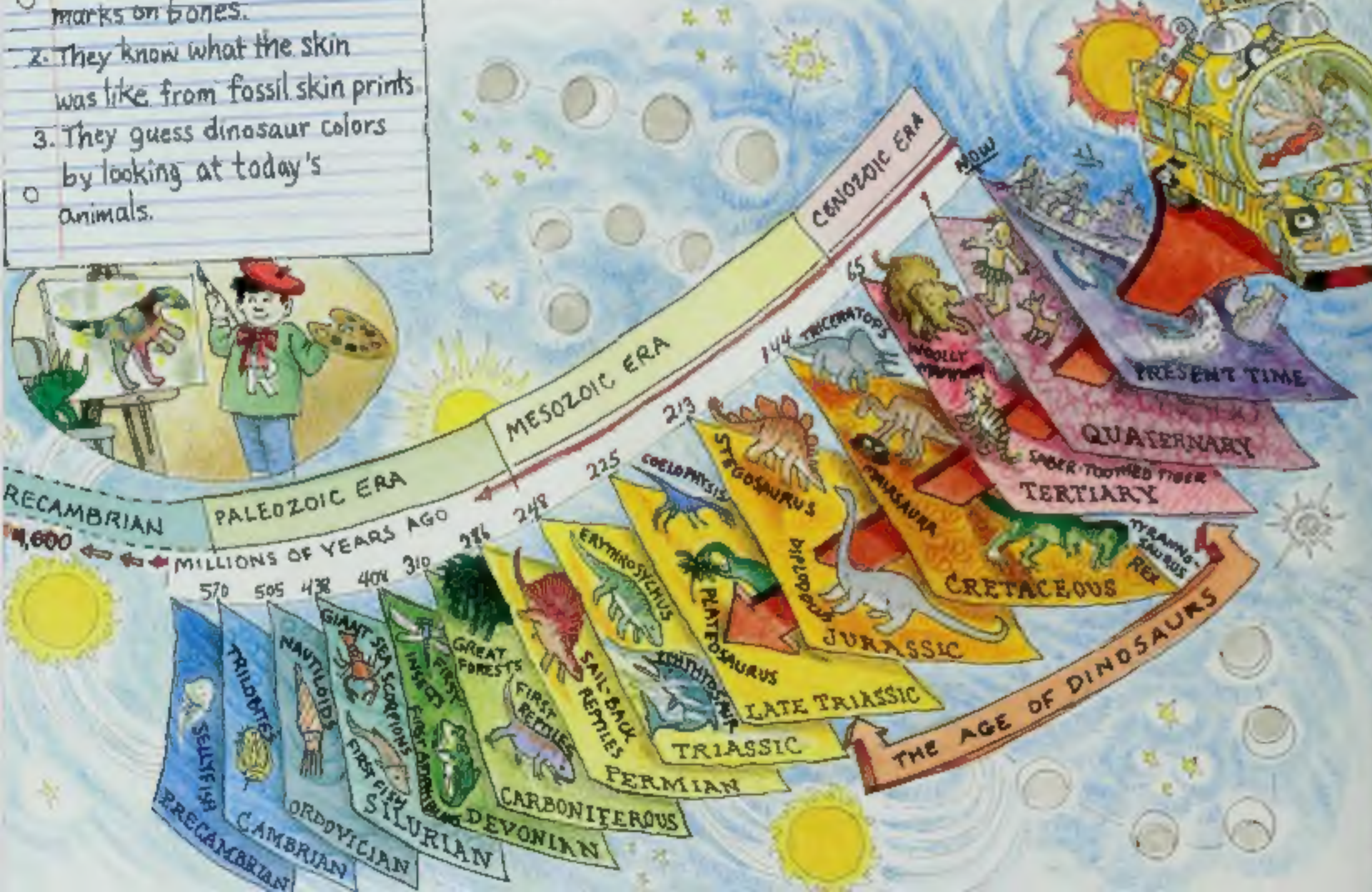
by Ralphie

Scientists put dinosaur bones together.

1. They figure out how the muscles were attached from marks on bones.
2. They know what the skin was like from fossil skin prints.
3. They guess dinosaur colors by looking at today's animals.



The hand on the clock started moving backward:
 One hour back . . . one day back . . . one year back . . .
 Outside the windows, the desert was whizzing by.
 One thousand years . . . one million years . . .
 "We're on our way to the time of the Maiasaura.
 Hang on, class!" yelled the Friz.



Ring! Ring! The alarm went off.
 We heard Ms. Frizzle say, "Ooops!
 We had a little machine trouble.
 We went back too far in time,
 but it's nothing to worry about."
 Nothing to worry about!
 We missed the time of the Maiasaura
 by millions of years!

CLASS, WE'RE IN THE
 LATE TRIASSIC PERIOD--
 THE TIME OF THE
 EARLY DINOSAURS!

YOU MEAN WE'RE IN
 THE SAME PLACE
 BUT IN ANOTHER TIME?

YOU MEAN THIS IS WHAT
 THAT DESERT LOOKED LIKE
 220 MILLION YEARS AGO?

WOW! IT'S A JUNGLE
 OUT THERE!



WHAT WAS THE EARTH
 LIKE THEN?



One giant continent
 Called PANGAEA

- Rainy Jungles
- Many deserts
- Warm temperatures
- No winter anywhere!



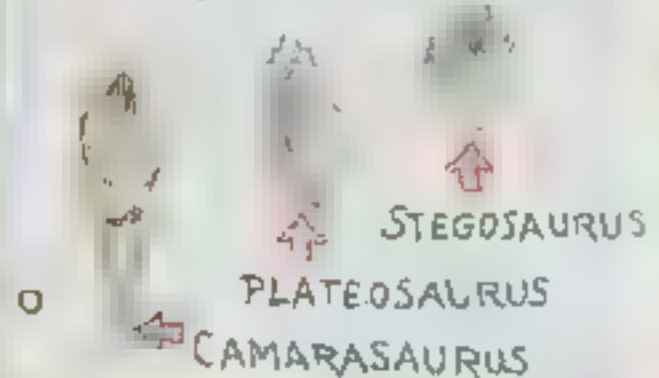
FOSSIL TEETH TELL WHAT DINOSAURS ATE

by Phoebe

Sharp, pointy teeth came from meat-eaters.



Odd-shaped teeth came from plant-eaters.



The Friz pointed to some dinosaurs that were hunting on the banks of a river. "Their name is Coelophysis," she said. "These early dinosaurs were small and light. The giant dinosaurs did not develop until later."

COELOPHYSIS HAVE EXCELLENT TEETH FOR EATING MEAT. THEIR TEETH HAVE "SAW" EDGES LIKE STEAK KNIVES.

TRY NOT TO LOOK LIKE A STEAK!

Suddenly, a large reptile rose out of the water and opened its huge mouth.

"That is not a dinosaur," Ms. Frizzle said.

"It's a phytosaur — a crocodile-like reptile."

The phytosaur caught a little dinosaur and pulled it underwater.

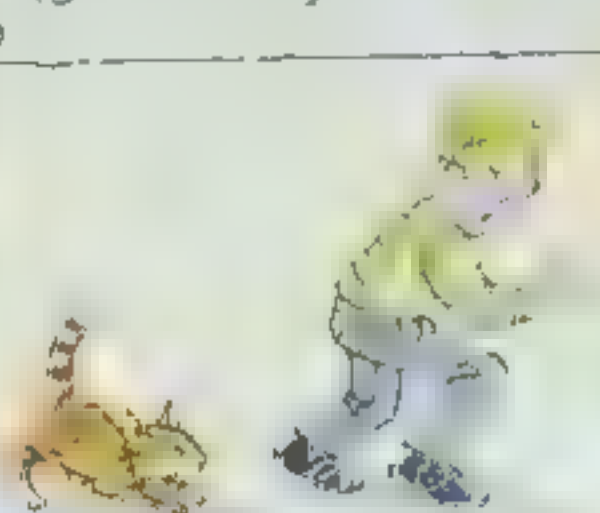
We wanted to get back on the bus, pronto!

But Ms. Frizzle said we had to learn about Triassic plant life.

ARE MEAT-EATERS MEAN?

by Arnold

No Predators are part of nature. Hunting is the only way they can get their food.



SOME WORDS FROM LUCY ANN

A predator is a hunting animal.

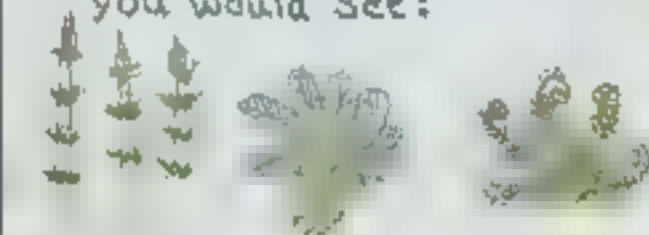
Prey are the animals a predator hunts.



TRIASSIC PLANTS

by John

In Triassic times
you would see:



Horsetails Ferns



Ginkgo Conifers



DINOSAURS WERE SPECIAL

Many dinosaurs were
plant-eaters. Only a few
kinds of modern
reptiles are.

Plateosaur Tooth



GINGKOS

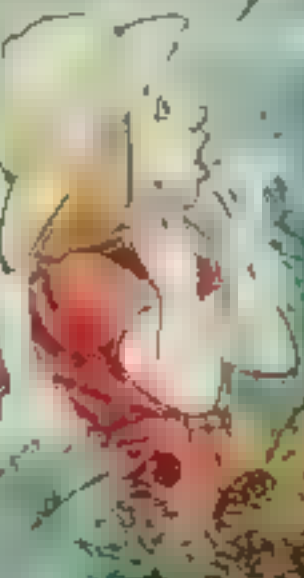
We were examining some ferns
when Ms. Frizzle shouted.
"Look at those terrific prosauropods!
They were the first dinosaurs to eat plants!"

I JUST LOVE
TRIASSIC PLANTS,
CLASS--DON'T YOU?

DO YOU HEAR
SOMETHING?

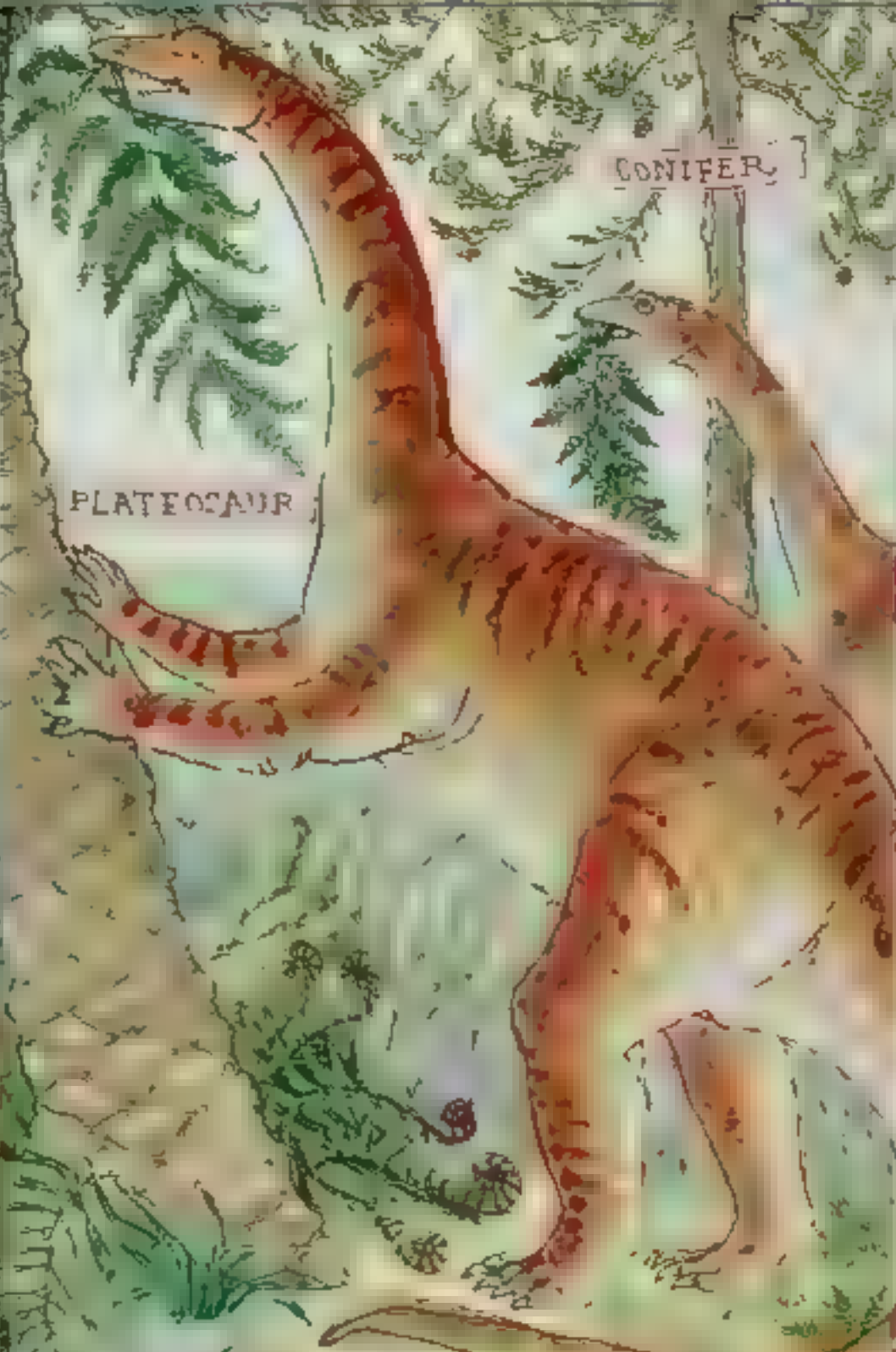
YOU MEAN THOSE
CRUNCHING
SOUNDS?

MS FRIZZLE
ISN'T THE ONLY
ONE WHO LOVES
TRIASSIC PLANTS



PLATEOSAUR

CONIFER



ANCHISAURUS



A sudden downpour caught us by surprise
But the dinosaurs went right on eating.
We ran for the bus, and Frizzle called.
"Get ready to go forward in time, kids!"

IN A TROPICAL FOREST,
RAINS ARE FREQUENT
AND HEAVY, ARNOLD.

NOW SHE
TELLS ME!

JEFF WILL
LOVE THIS
VIDEO



THE FIRST MAMMALS
LIVED WITH DINOSAURS
by Rachel

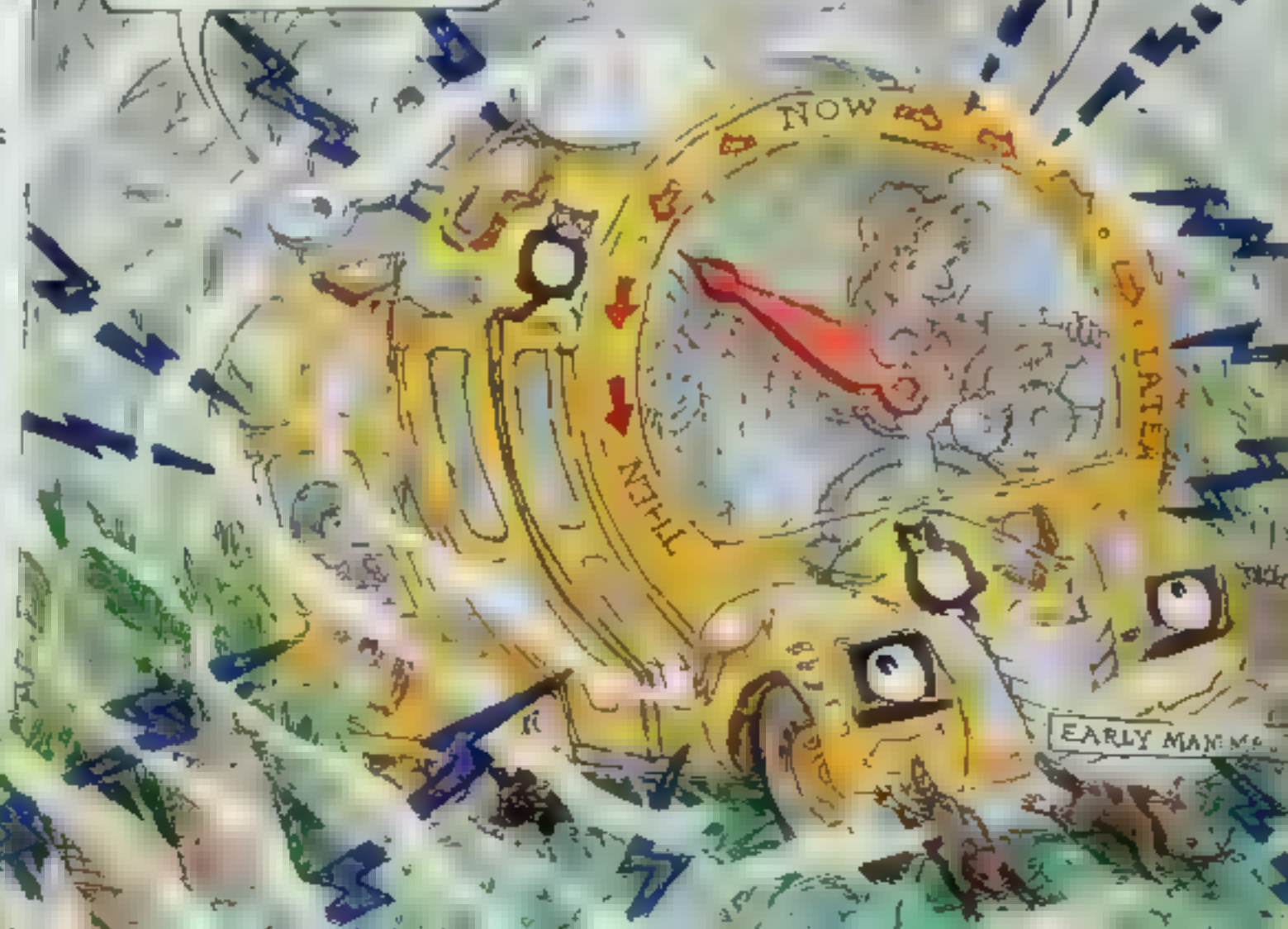
The first true mammals
lived in the Late Triassic.
They were furry rat like
animals



The last things we saw before we took off
were some small, furry animals.
Ms Frizzle said they were the first mammals.
The hand on the clock moved ahead,
and the Triassic rain forest whizzed out of sight.

WHEN WILL WE SEE
MAIASAURA EGGS?

MAIASAURA LIVED 160 MILLION
YEARS FROM NOW. LET'S SEE
IF WE CAN FIND THEM.



WHAT ARE MAMMALS?
by Wanda
Mammals are animals that:
- have backbones
- have hair or fur
- are warm blooded



- feed their babies with
mothers' milk

Ring! Ring! The alarm went off,
and we heard Ms. Frizzle say, "Oh no!"
We had stopped too soon.
It was the Late Jurassic Period,
the Age of Giants!

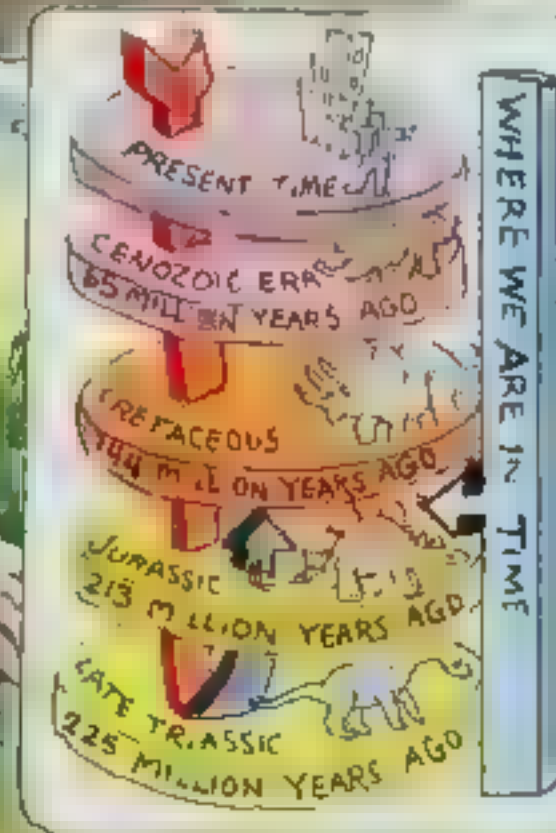
APATOSAURUS
(ALSO CALLED
BRONTOSAURUS)

HERE ARE SOME
INTERESTING
TREE TRUNKS

UM I DON'T
THINK SO



WHAT WAS THE EARTH LIKE
THEN?



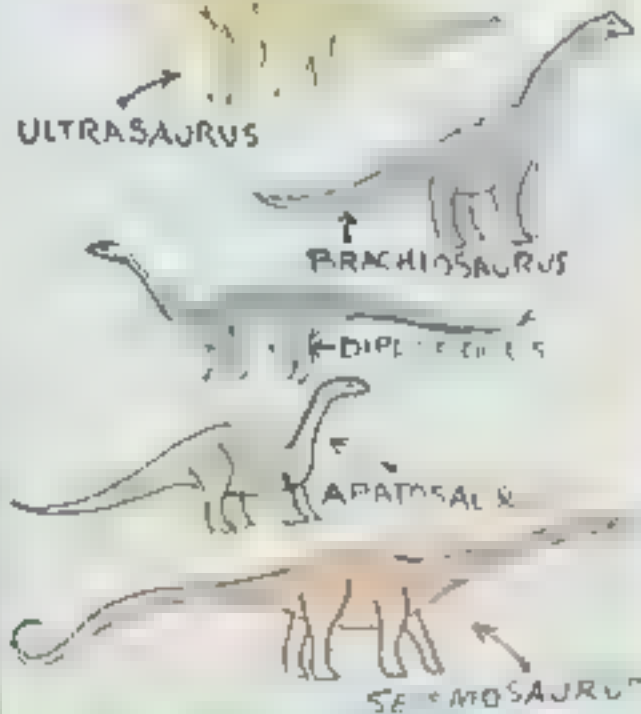
WHAT WERE SAUROPODS?

by Amanda Jane

Sauropods were heavy,
long necked dinosaurs.

They walked on four legs
and ate plants.

SOME KINDS OF SAUROPODS



"Notice these sauropod dinosaurs, children."
said Ms. Frizzle.
They were kind of impossible to miss.
They were the largest land animals that ever lived!

STONES IN STOMACH
GRIND UP FOOD

SIXTY MILLION YEARS
HAVE PASSED SINCE
WE WERE HERE LAST

LOOK! THOSE
SAUROPODS ARE
SWALLOWING THEIR
FOOD WHOLE!

THEIR TEETH ARE
NOT GOOD FOR
CHEWING, PHOEBE

THEY SWALLOW
STONES TO GRIND UP
FOOD IN THEIR
STOMACHS.

IT MUST TAKE A
LOT OF PLANTS
TO FEED A
GIANT SAUROPOD

SAUROPODS MUST
SPEND MOST OF
THEIR TIME EATING

WHAT A LIFE!

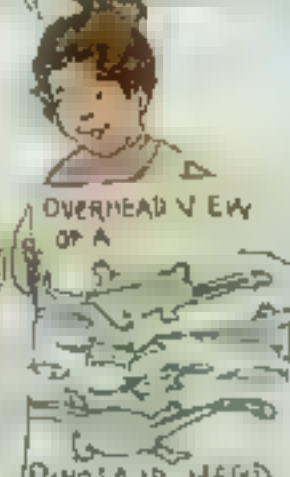
NO SWAMPS FOR SAUROPODS

by Ralphie

People used to think
sauropods waded in swamps.
But fossil footprints show
they walked on land and
may have traveled in herds.

THE FOOTPRINTS
WERE MADE AT
THE SAME TIME

AND THEY ARE
ALL GOING IN THE
SAME DIRECTION!



A DINOSAUR
HERD WHAT?

DINOSAURS WERE SPECIAL
Some dinosaurs may have
traveled in herds!
None of today's reptiles do.

WE KNOW DINOSAURS

LAID EGGS

by Amanda Jane

Fossil dinosaur eggs have been found. Inside some, there are tiny skeletons of babies



Under a pile of leaves, we found some dinosaur eggs just about to hatch! Nearby some stegosaurus — plated dinosaurs — were eating plants. One of the stegosaurus had a hurt leg.



ARE THEY THE MAIASAURA EGGS?

NO, KESHA
MAIASAURA DID NOT
LIVE IN THE JURASSIC
PERIOD.

THEY CAME LATER
MUCH LATER.



Suddenly an *Allosaurus* approached the wounded *Stegosaurus*. *Stegosaurus*'s spiked tail lashed out. It missed *Allosaurus* by an inch! What would happen next? We held our breath



ALLOSAURUS
TOOTH
(actual size)

IT'S HARD TO BE A HUNTER
by Alex
Being a predator is dangerous. Predators can get hurt or killed by their prey. This is why meat-eaters often attack prey that is weak, sick, or young

Allosaurus darted close and took a big bite.
Then it moved back and waited.
Stegosaurus got weaker and weaker.
It had become food for Allosaurus.

CLASS, WHATEVER
ALLOSAURUS DOES NOT
EAT WILL FEED OTHER
DINOSAURS TOO.

AT MY OLD SCHOOL
WE NEVER GOT
THIS CLOSE TO
PREDATORS

I GUESS THAT STEGOSAURUS
WON'T BECOME A
DINOSAUR FOSSIL

NO IT'S BECOMING
A DINOSAUR DINNER

As we ran for the time machine,
Ms. Frizzle pointed out some strange birds.
"The first birds appeared in the
Late Jurassic," she said.
Then she pushed the fast-forward button
and shouted, "Maiasaura, here we come!"

WE STILL
DIDN'T FIND
MAIASAURA NESTS.

COME ON.
LET'S GO LOOK
FOR THEM.

BIRDS ARE LIVING DINOSAURS!
by Shirley
Most paleontologists say
today's birds are direct
descendants of dinosaurs.

WOW, TWEETIE,
I'M IMPRESSED.

BIRDS: PAST AND PRESENT
by Michael

ARCHAEOPTERYX

Like dinosaurs, the first
birds had TEETH, CLAWED
FINGERS, and BONY TAILS.
Today's birds do not!

Allosaurus darted close and took a big bite.
Then it moved back and waited.
Stegosaurus got weaker and weaker.
It had become food for Allosaurus.

As we ran for the time machine,
Ms. Frizzle pointed out some strange birds.
"The first birds appeared in the
Late Jurassic," she said.
Then she pushed the fast-forward button
and shouted. "Maiasaura, here we come!"

BIRDS ARE LIVING DINOSAURS!
by Shirley
Most paleontologists say
today's birds are direct
descendants of dinosaurs.

Wow, Tweetie,
I'm impressed

BIRDS: PAST AND PRESENT
by Michael

ARCHAEOPTERYX

Like dinosaurs, the first
birds had TEETH, CLAWED
FINGERS, and BONY TAILS
Today's birds do not!

CLASS, WHATEVER
ALLOSAUURS DOES NOT
EAT WILL FEED OTHER
DINOSAURS, TOO.

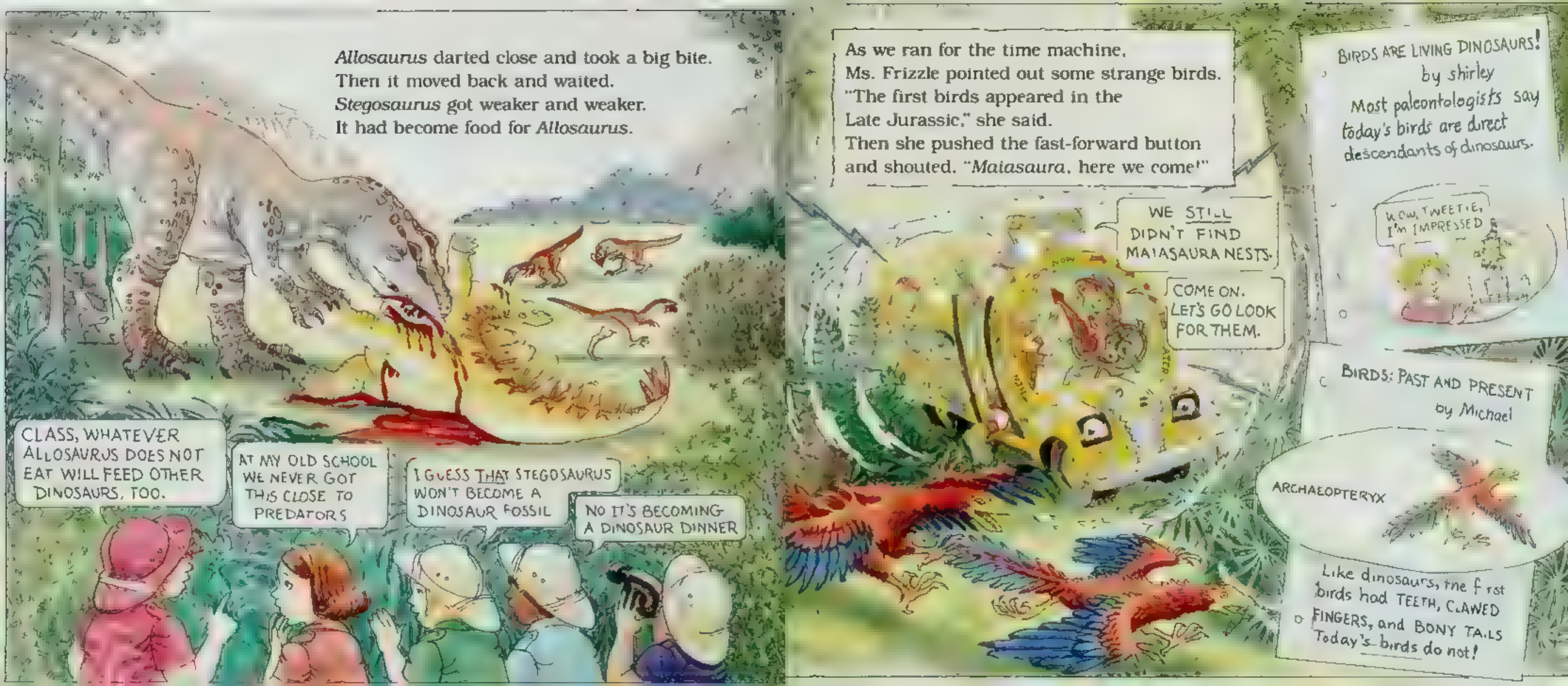
AT MY OLD SCHOOL
WE NEVER GOT
THIS CLOSE TO
PREDATORS

I GUESS THAT STEGOSAURUS
WON'T BECOME A
DINOSAUR FOSSIL

NO IT'S BECOMING
A DINOSAUR DINNER

WE STILL
DIDN'T FIND
MAIASAURA NESTS.

COME ON.
LET'S GO LOOK
FOR THEM.



ALL DINOSAURS WERE
LAND ANIMALS

by Gregory

No dinosaurs lived in the sea. During the Cretaceous, dinosaurs lived in places that were not covered by water.



Ring! Ring! The alarm went off again. We looked out — and then we freaked out! Once again, we had stopped too soon. "Here we are in the Late Cretaceous Period," announced Ms. Frizzle. "At this time there was a sea right in the middle of our continent."

Out the windows, enormous sea reptiles swam by. Overhead, flying reptiles glided past, dipping their beaks in the water to catch fish. We were getting a little wet, so the Friz set the clock ahead again.

SEA REPTILES AND FLYING REPTILES: WERE THEY DINOSAURS?

by Tim

No, they were relatives of dinosaurs.



WE'RE IN THE SAME PLACE 25 MILLION YEARS LATER

HOW TIME FLIES

THAT'S NOT ALL THAT FLIES.

PTERANODON

I'M HOMESICK.

I'M SEASICK.

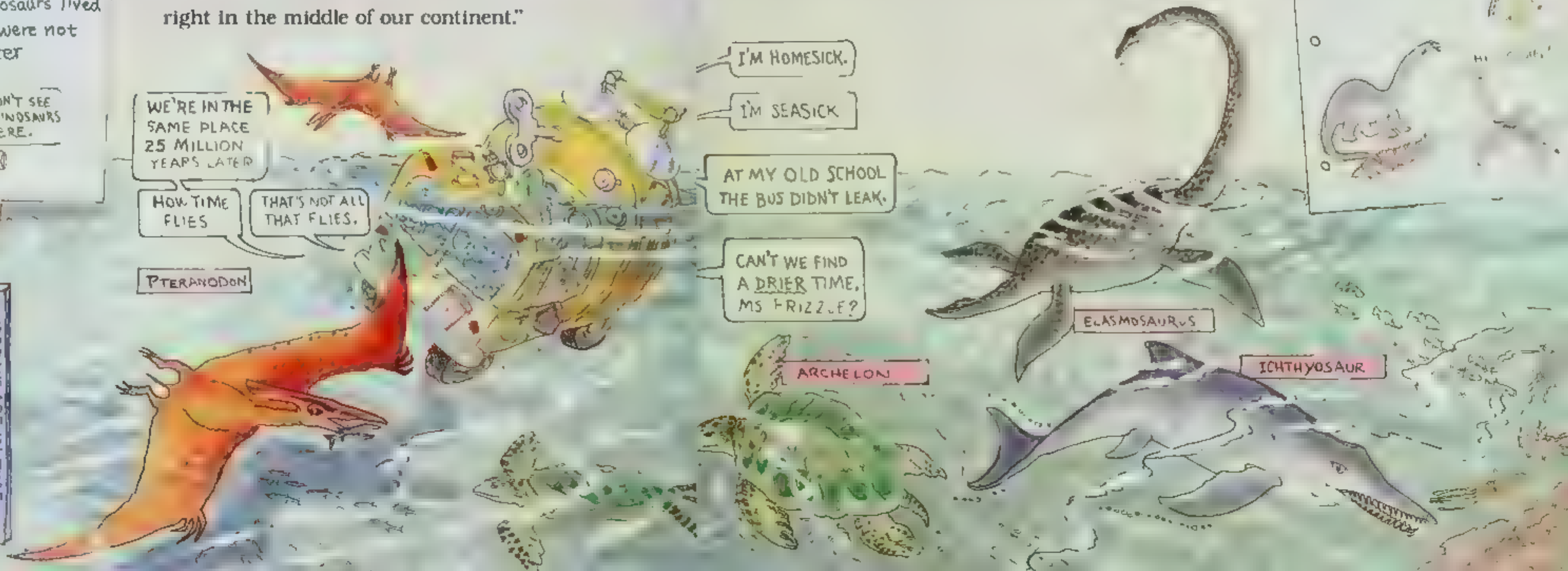
AT MY OLD SCHOOL THE BUS DIDN'T LEAK.

CAN'T WE FIND A DRIER TIME, MS FRIZZLE?

ARCHELON

ELASMOSAURUS

ICHTHYOSAUR

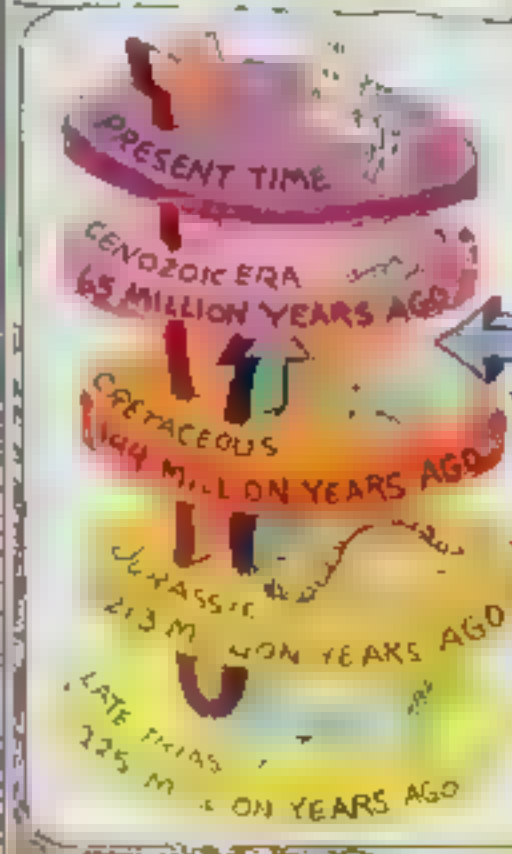


WHAT WAS THE EARTH LIKE THEN?



Continents had drifted farther apart than before

- Temperatures were cooler
- There were seasons and polar ice caps



THE SEA HAS DRED UP IN THIS PART OF THE WORLD, CLASS

THIS IS THE TIME OF THE MAIASAURA

YOU LET A COUPLE OF MILLION YEARS GO BY AND LOOK WHAT HAPPENS!

BETTER LATE THAN NEVER!

The next thing we knew we had traveled forward two million years. Now, we were at the very end of the Cretaceous Period. This was the time of the last dinosaurs. This was the time we had been looking for!



As soon as we got off the bus, we saw that the Cretaceous world was different. The weather was cooler. There were colorful flowers and fruits everywhere. And there were lots of new plant-eating dinosaurs. "These plant eaters could chew better than any other dinosaurs," said Ms. Frizzle. "They had terrific teeth for grinding, and they had cheeks!"

CHEEKS KEEP FOOD FROM FALLING OUT SO PLANT-EATERS DO NOT LOSE FOOD THEY HAVE ALREADY CHEWED

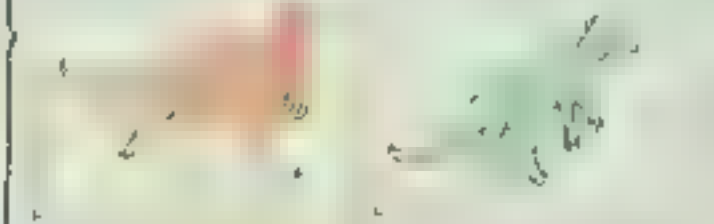
GEE, I DIDN'T KNOW CHEEKS WERE SO IMPORTANT.



NEW PLANT-EATERS OF THE CRETACEOUS PERIOD

by Ms. Frizzle

DUCKBILLS	DOME HEADS
Had hundreds of teeth in horny beaks	Had thick skulls. May have butted heads like rams.



ARMORED	HORNED
Had armor. Had few teeth	Had neck frills and horns. Had slicing teeth.



DINOSAURS WERE SPECIAL
Some dinosaurs chewed their food. All of today's reptiles swallow it whole

DUCKBILL TEETH
Duckbills had hundreds of rows of teeth.



UH-OH. HERE COMES TROUBLE!

TYRANNOSAURUS TROUBLE!

SOME OTHER DINOSAURS HAD MORE TEETH, BUT TYRANNOSAURS HAD THE BIGGEST TEETH.

I FEEL SORRY FOR THE TOOTH FA RY.

We were watching the plant-eaters chew. when some tyrannosaurs approached. Tyrannosaurs were the largest meat eaters ever. Their mouths were giant biting machines with sixty sharp, stabbing teeth!

STYRACOSAURUS

TYRANNOSAURUS REX
largest of dinosaur teeth
(actual size)

The tyrannosaurs were scary enough. Then a pack of Troodon showed up, too! They were small, but there were a lot of them! They began circling the bus to see what it was. We sized up the situation and ran.

I HOPE YOU ARE OBSERVING THE TROODON, CLASS. NOTICE THE SLASHING CLAW ON EACH BACK FOOT

WE'D LIKE TO OBSERVE THEM, MS. FRIZZLE, BUT.

WE HAVE TO LEAVE... RIGHT AWAY.

IN A HURRY...

THIS INSTANT.

IN OTHER WORDS... NOW!

ALL MEAT-EATING DINOSAURS WERE TWO-LEGGED
by Phoebe
Plant-eaters came in all different shapes

Hadrosaurus Stegosaurus Apatosaurus
But all meat-eaters were built on the same pattern.

Anosaurus Coelophysis Tyrannosaurus Rex

Troodon Tooth
(actual size)

DINOSAURS WERE SPECIAL
Some dinosaurs may have hunted in packs!
None of today's reptiles do.

WOW!

LOOK AT ALL
THE BABIES

IT'S DINOSAUR
DAY CARE!

As we came over the crest of a hill,
we saw an incredible sight!
It was the *Maiaasaura* nesting ground!

Mother scooped out
nest in ground.

Babies stayed in the nests.

DINOSAURS WERE SPECIAL
Some dinosaurs may have
fed their babies!
None of today's reptiles do.

WHY DO WE THINK *MAIASAURA*
BABIES GREW UP IN NESTS?

by Wanda

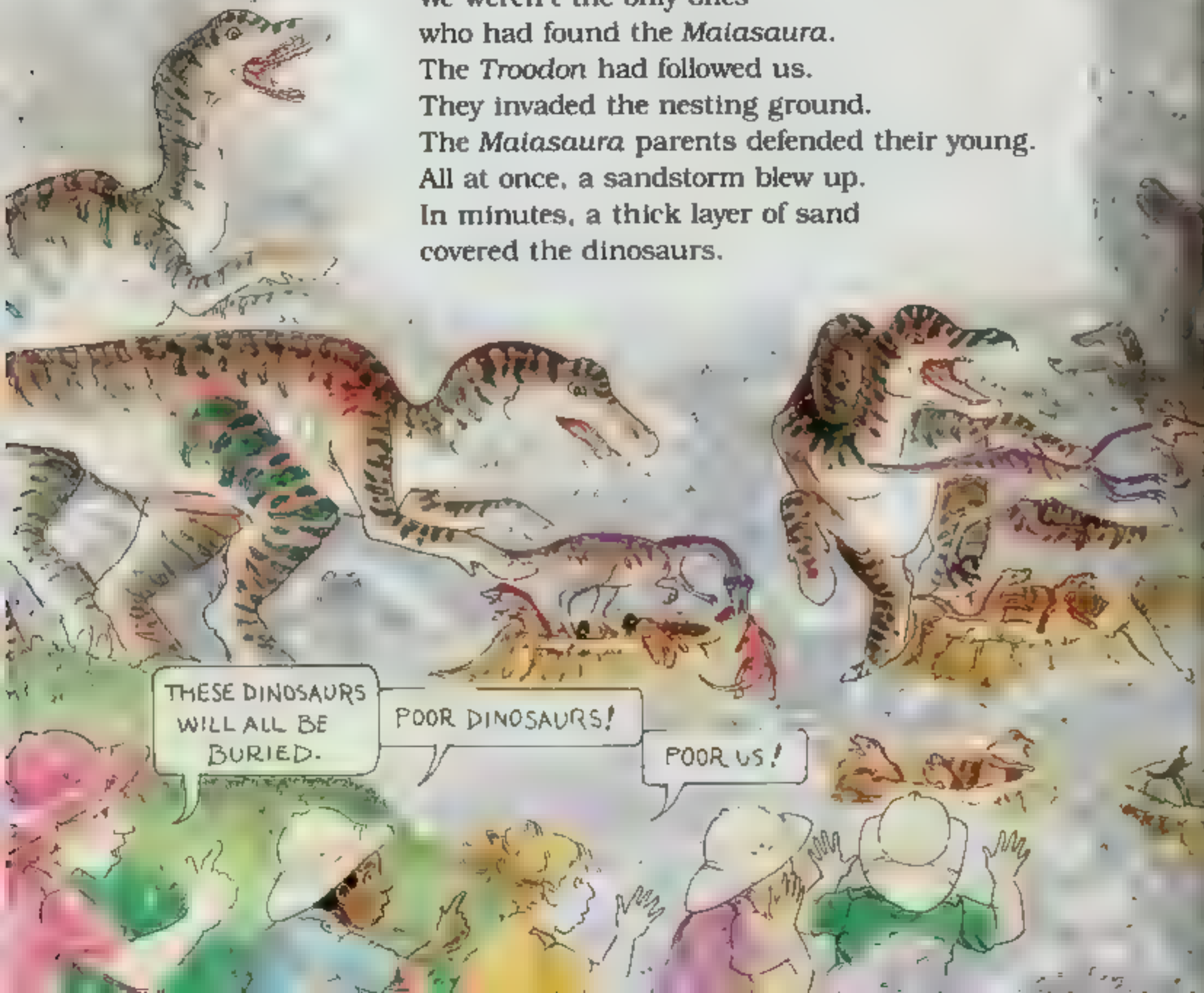
When scientists found
the first *Maiaasaura* nests,
they saw:

- Crushed eggshells, showing
that babies might have stayed
in nests and stepped on shells.
- Skeletons of different sizes,
showing that babies might
have grown bigger in nests.

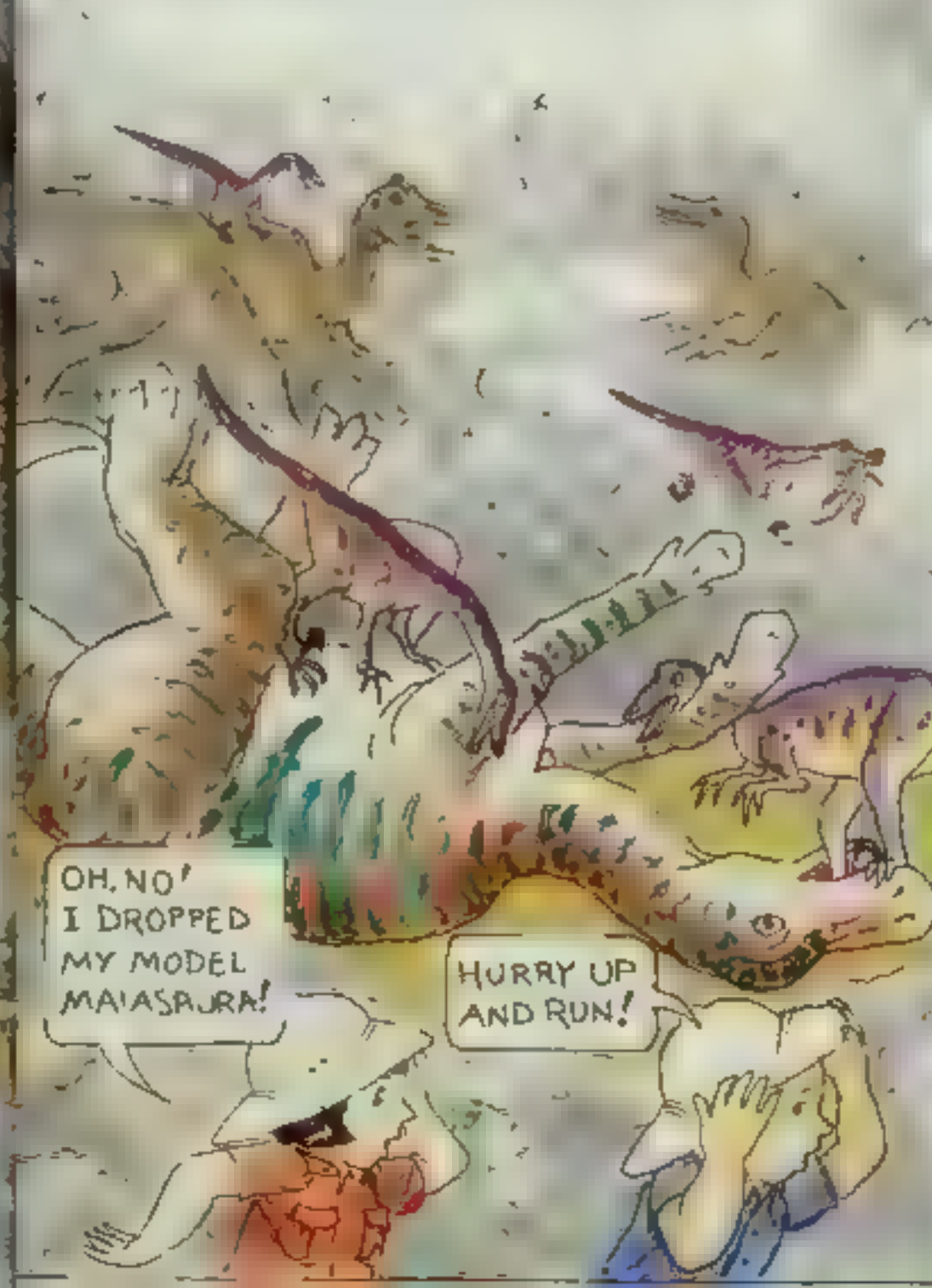
- Worn down baby teeth,
showing that babies might
have eaten food brought
by parents.



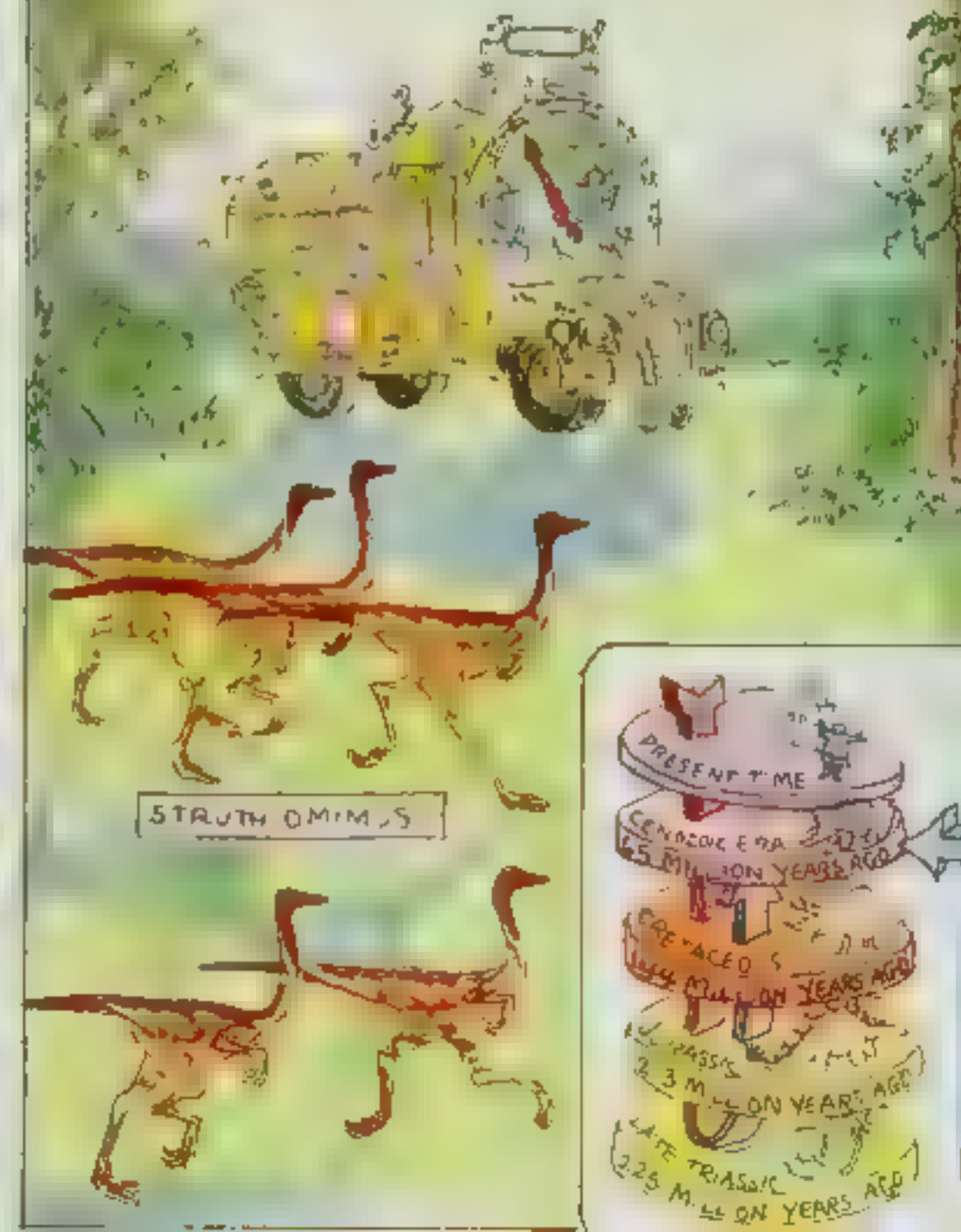
We weren't the only ones
who had found the *Maiaasaura*.
The *Troodon* had followed us.
They invaded the nesting ground.
The *Maiaasaura* parents defended their young.
All at once, a sandstorm blew up.
In minutes, a thick layer of sand
covered the dinosaurs.



Everything happened so fast.
There was no way we could help
the dinosaurs.
Maybe they would become fossils.



Back in the bus, Ms. Frizzle drove
forward in time.
We thought we were going home,
but, on the way,
the bus screeched to a stop.



"We are in the very last minutes of the Cretaceous Period," said Ms. Frizzle. A bright light was shining in the sky. "Notice that asteroid," said the Friz. "It's a huge rock from outer space. Soon it will hit the earth."


THE ASTEROID WILL CAUSE AN ENORMOUS EXPLOSION... BLACK SOOT WILL FILL THE AIR AND BLOCK OUT THE SUN... PLANTS WON'T GROW, AND MILLIONS OF LIVING THINGS WILL BECOME EXTINCT — INCLUDING THE DINOSAURS

MS. FRIZZLE, COULD WE LEAVE BEFORE THE ASTEROID HITS?

LAMBEOSAURUS

LAMBEOSAURUS

The Friz pushed the forward button, and we started again.



WE'RE ONLY
65 MILLION YEARS
FROM HOME, CLASS.

STEP ON IT,
PLEASE...

When the alarm rang, we were
The paleontologists were worried
and came looking for us.
We gave them a tip on a fossil site.
Then we waved good-bye and drove.

GO THAT WAY ABOUT
A HUNDRED STEPS
AND START DIGGING

I'LL BET YOU'LL
FIND SOME
MAIASAURA NESTS

IF YOU
SAY SO, VAL



A colorful, abstract drawing of a city skyline. The drawing features several stylized buildings and structures in various colors including red, blue, yellow, and green. The background is a mix of these colors, creating a vibrant, abstract cityscape. The drawing is done in a simple, sketchy style with bold outlines and flat colors.

WHERE WE ARE NOT ME



In the classroom, we made a chart of our trip to the dinosaurs. Just as we were finishing it, people started coming in for Visitors Day.

MY COELOPHYSIS LIVED IN THE TRIASSIC PERIOD.

MY ALLOSAURUS BELONGS IN THE JURASSIC.

WHERE SHOULD I PUT MY TRICERATOPS?

I LOST MY DINOSAUR

TOO BAD.

TRIASSIC	JURASSIC	CRETACEOUS	TERTIARY	QUATERNARY
MESOZOIC ERA (The Age of Dinosaurs)			CENOZOIC ERA	

THAT'S MY BOY

HEY, ARNOLD. WASN'T THAT DINOSAUR ADVENTURE AMAZING?

THIS IS MY IDEA OF ADVENTURE!

401 ADVENTURES IN YOUR OWN BACKYARD

READING CHAIR

FIND OUT MORE ABOUT DINOSAURS

- DINOSAUR
- PREHISTORIC SEAS
- SWIMMING IN THE AGE OF REPTILES
- WHY DID DINOSAURS DIE OUT?
- BIRD HIPPED VS LIZARD HIPPED DINOSAURS

MAGNOLIA

FERN

GINGKO

Some living plants are like ones from dinosaur times.

YOUR BONES
ARE THE
BEST, HONEY.

THANKS, GRAN.

HEY, LOOK AT THOSE
SPECIAL EFFECTS!

THE DINOSAURS
SEEM SO REAL!

WHY FLORRIE, THIS
READS AS IF YOU
WERE REALLY THERE

IT OUGHT
TO.

The visitors admired everything.
They had never seen such fabulous projects,
such wonderful books, or such an incredible video.
And, of course, they had never met a teacher
quite like Ms. Frizzle!

MODEL OF DINOSAUR
SKELETON by Phoebe
made from
chicken
bones
1 day

THE DAY
I MET A
MAIASAURA
by Florrie



YOUR TEACHER SEEMS
LIKE AN INTERESTING
PERSON.

SHE LOVES
SCIENCE.

SHE LOVES
LIZARDS, TOO.

AND SLIME ...

AND MOLD ...

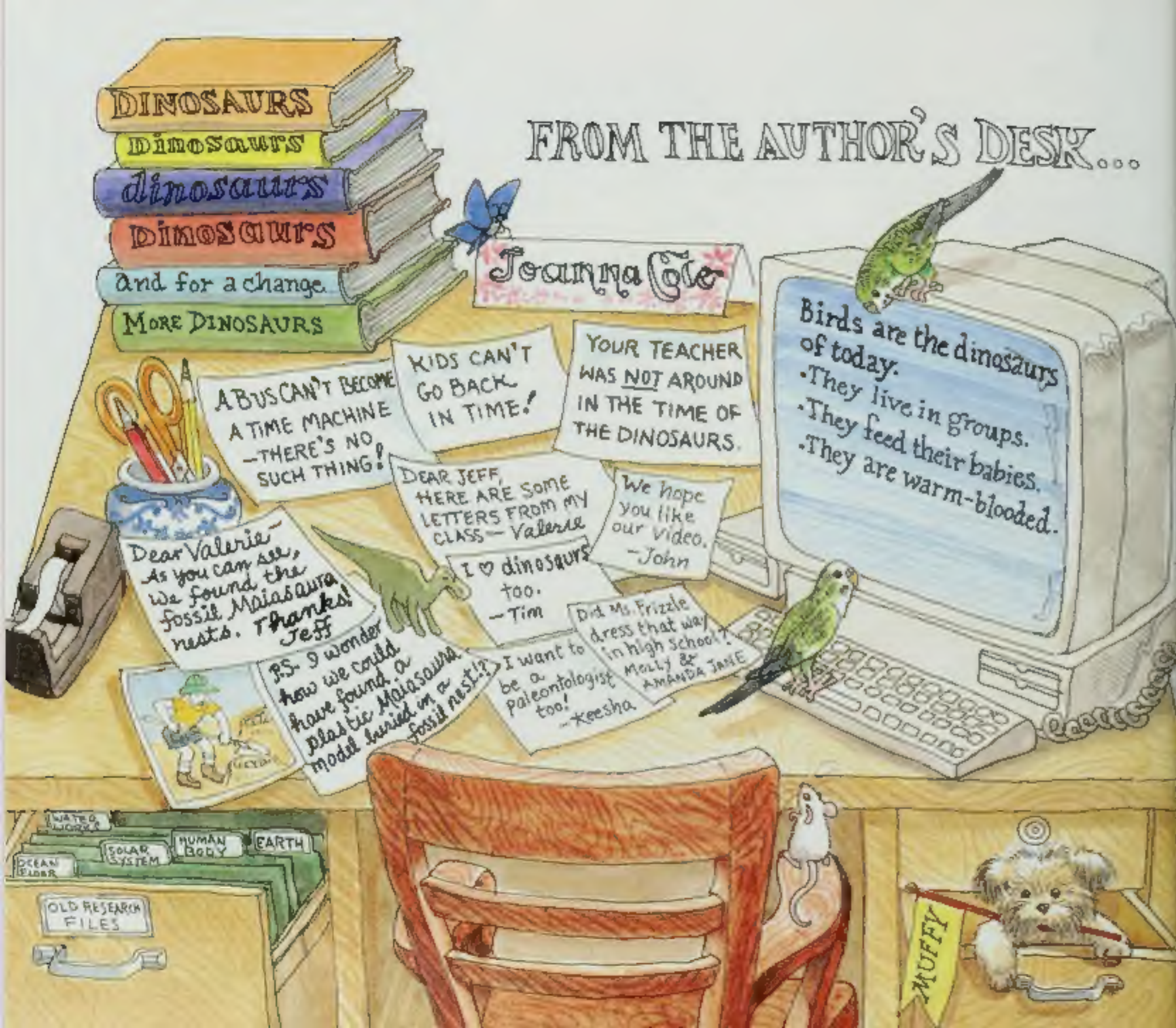
AND TEST TUBES.

AND EXPERIMENTS.

AND SHE DESIGNS
ALL HER OWN
CLOTHES!

Dear Jeff,
We are sending
you a copy
of our
videotape...

BREAD MOLD
CULTURE



FROM THE AUTHOR'S DESK...

Joanna Cole

Birds are the dinosaurs of today.
• They live in groups.
• They feed their babies.
• They are warm-blooded.

A BUS CAN'T BECOME
A TIME MACHINE
-THERE'S NO
SUCH THING!

KIDS CAN'T
GO BACK
IN TIME!

YOUR TEACHER
WAS NOT AROUND
IN THE TIME OF
THE DINOSAURS.

DEAR JEFF,
HERE ARE SOME
LETTERS FROM MY
CLASS - Valerie

We hope
you like
our video.
- John

I love dinosaurs
too.
- Tim

Did Ms. Frizzle
dress that way
in high school?
Muffy &
Amanda Jane

I want to
be a
paleontologist
too!
- Keesha

Dear Valerie -
As you can see,
we found the
fossil Maiasaura
nests. Thanks!
Jeff

P.S. I wonder
how we could
have found a
plastic Maiasaura
model buried in a
fossil nest!



AND THE ARTIST'S DRAWING BOARD

Bruce Degen

MAGNOLIAS
ARE VERY
CLOSE TO
PREHISTORIC
PLANTS

T. Rex -
THE OLD
WAY TO
PICTURE
THE STANCE:
UPRIGHT

T. Rex - THE NEW WAY:
HORIZONTAL
TAIL USED FOR
BALANCE

WE DON'T KNOW WHAT
COLORS DINOSAURS WERE.
MODERN REPTILES HAVE
MARKINGS. MAYBE DINOSAURS
DID, TOO.

Stegosaurus Plates -

Paired or
Alternating?

Model of
Tyrannosaur
tooth fossil.
No flossing
necessary.

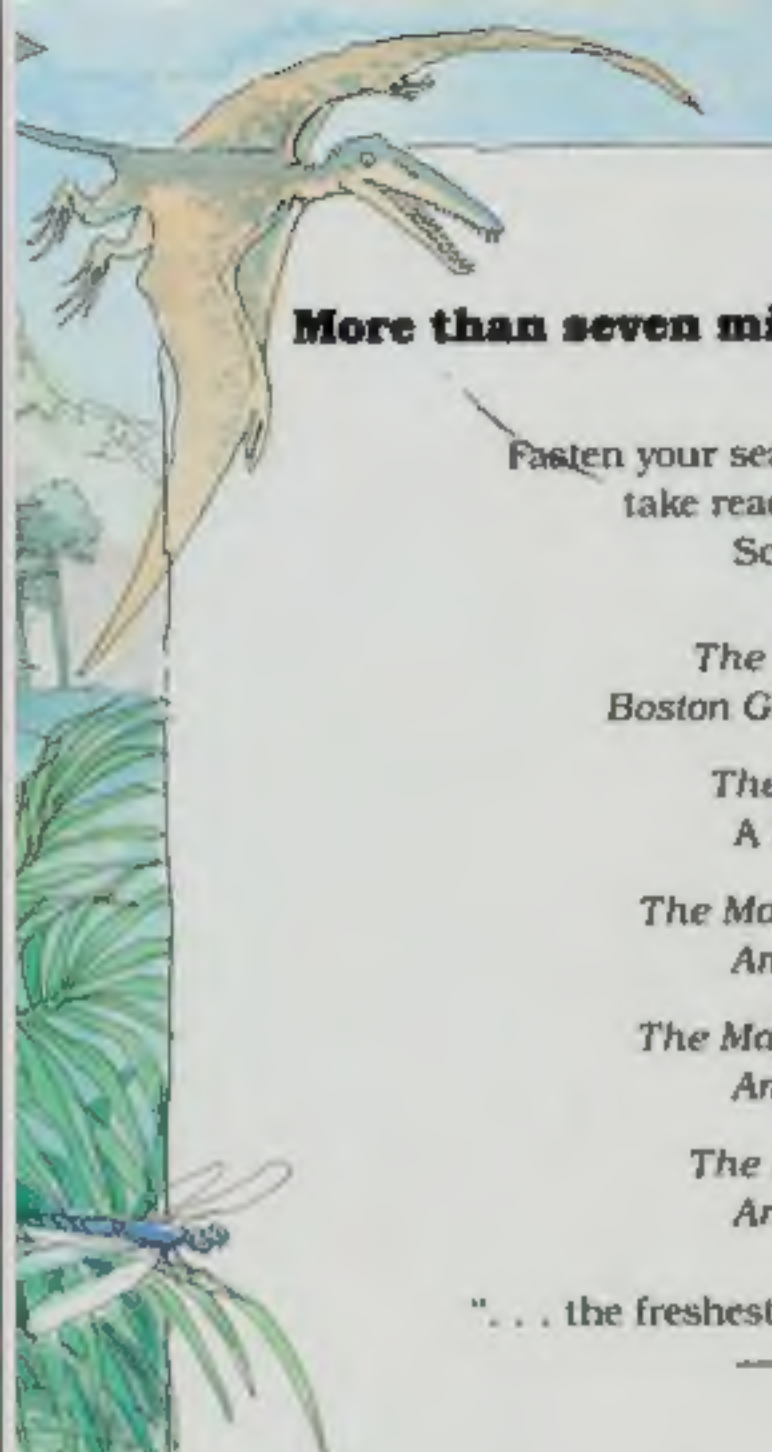
FERN

OLD FRIZZLE DRESS IDEAS

BAILEY



TO THE
DINOSAUR
EXHIBIT
→



More than seven million MAGIC SCHOOL BUS books in print!

Fasten your seatbelts as Ms. Frizzle and the Magic School Bus
take readers on the most amazing field trips ever.
Science has never been so much fun!

The Magic School Bus at the Waterworks
Boston Globe/Horn Book Honor Book for Nonfiction

The Magic School Bus Inside the Earth
A Reading Rainbow Feature Selection

The Magic School Bus Inside the Human Body
American Bookseller Pick of the Lists

The Magic School Bus Lost in the Solar System
American Bookseller Pick of the Lists

The Magic School Bus on the Ocean Floor
American Bookseller Pick of the Lists

"... the freshest, most amusing approach to science for children!"
— *The New York Times Book Review*

